

Amendments to the Claims

The following listing of the claims will replace all prior versions, and listings of the claims in the application:

Listing of Claims

7. (New) An electronic form preparation system comprising:
 - a coordinate-input section that emits a signal;
 - a coordinate recognition section that receives the signal and recognizes coordinates as a position of said coordinate-input section;
 - a character recognition section that recognizes a character from the coordinates recognized by said coordinate recognition section;
 - a form storage section that stores a plurality of items of form data;
 - a form selection section that selects one of the plurality of items of form data in accordance with at least one first recognized character formed of a plurality of first ones of the coordinates at a first area;
 - a data generation section that generates an electronic form based on the at least one first recognized character, the electronic form including at least one second recognized character formed of a plurality of second ones of the coordinates at a second area; and
 - a display section on which the electronic form generated by said data generation section is displayed with the at least one second character appearing in a corresponding area.

8. (New) The electronic-form preparation system according to claim 7, wherein said coordinate-input section includes an input pen having a writing member (11) and a transmitter that emits the signal, the signal including an electromagnetic wave and an ultrasonic wave.

9. (New) The electronic-form preparation system according to claim 8, wherein the transmitter includes:

- an ultrasonic oscillator that emits a pulse train of ultrasonic wave having a predetermined number of pulses; wherein said coordinate-recognition section includes:
 - at least three ultrasonic receivers spaced from one another, the ultrasonic receivers receiving the pulse train of ultrasonic wave emitted from the ultrasonic oscillator,
 - a hyperbolic curve determining section that determines a first hyperbolic curve and a second hyperbolic curve on which the ultrasonic oscillator lies, the first hyperbolic curve being determined on the basis of a first set of timings at which a first set of two ultrasonic receivers of said at least three ultrasonic receivers receive the ultrasonic wave emitted from the ultrasonic oscillator,

the first hyperbolic curve being determined on the basis of a second set of timings at which a second set of two ultrasonic receivers of said at least three ultrasonic receivers receive the ultrasonic wave emitted from the ultrasonic oscillator; and

a signal processing circuit that determines a coordinate at which said ultrasonic oscillator is located, the coordinate being determined from a point of intersection of the first hyperbolic curve and the second hyperbolic curve.

10. (New) The electronic-form preparation system according to claim 8, wherein the transmitter includes:

an electromagnetic wave oscillator that periodically emits a pulse train of electromagnetic wave having a predetermined number of pulses; and

an ultrasonic oscillator that periodically emits a pulse train of ultrasonic wave having a predetermined number of pulses, the pulse train of ultrasonic wave being emitted in timed relation with the pulse train of electromagnetic wave; wherein said coordinate-input section includes:

a first ultrasonic receiver disposed in contact with or adjacent to one of two opposed ends of a side of a form placed near said coordinate-input section by a user, the first ultrasonic receiver receiving the pulse train of ultrasonic wave;

a second ultrasonic receiver disposed in contact with or adjacent to another one of the two opposed ends of the side of the form, the second ultrasonic receiver receiving the pulse train of ultrasonic wave;

an electromagnetic wave receiver disposed between the first and second ultrasonic receivers, the electromagnetic wave receiver receiving the pulse train of electromagnetic wave;

a distance-determining circuit (31) that determines a first distance between the ultrasonic oscillator and the first ultrasonic receiver and a second distance between the ultrasonic oscillator and the second ultrasonic receiver, the first and second distances being determined based on the pulse train of ultrasonic wave and the pulse train of electromagnetic wave; and

a signal processing circuit (43) that determines the coordinates that form the at least one first character and the at least one second character; wherein the signal processing circuit (43) determines the coordinates indicative of a position of the ultrasonic oscillator on the basis of the first and second distances and a third distance between the first ultrasonic receiver and the second ultrasonic receiver by trigonometry.

11. (New) The electronic-form preparation system according to claim 7, wherein the at least one first character corresponds to one of the plurality of items of form data.

12. (New) The electronic-form preparation system according to claim 7, wherein

a form (P) is placed near said coordinate-input section by a user, the form corresponding to one of the plurality of items of form data.

13. (New) The electronic-form preparation system according to claim 12, wherein the form has an area in which the at least one first character is located, the area corresponding to the first area.

14. (New) The electronic-form preparation system according to Claim 7, further comprising a printer section that prints the electronic form.

15. (New) The electronic-form preparation system according to Claim 7, further comprising a coordinate storage section that stores the coordinates recognized by said coordinate recognition section, the coordinate storage section sending the coordinates to said character recognition section after said coordinate storage section has stored a predetermined amount of coordinates.

16. (New) The electronic-form preparation system according to Claim 7, wherein the coordinates recognized by said character recognition section are sent in sequence to said character recognition section.